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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Yu Chen, Joel A. Gerber, Brian E. Schreiber

Group Art Unit: 2841

And Joshua W. Smith

Serial No.: 09/531,285

Filed: March 20, 2000

Examiner: J. Vigushin

For: CIRCUIT ELEMENTS USING A

Z-AXIS INTERCONNECT

AMENDMENT UNDER 37 C.F.R. § 1.111Commissioner for Patents  
Washington, DC 20231

Dear Sir:

This amendment responds to the Office Action mailed April 20, 2001 in which claims 37-42 were rejected. With this amendment, the drawings and specification are amended to correct several informalities, and arguments are presented distinguishing the claimed invention from the cited prior art.

Please amend the application as described below.

In the Drawings

In Fig. 4c, change element number "82" to -- 84 --, and replace the upward pointing arrow with a downward pointing arrow.

In Fig. 5c, insert an arrow pointing to the right and numbered -- 142 --.

Amended figures with the changes shown in red ink are provided, together with a Letter to the Draftsman requesting the above referenced changes.

In the Specification:

On Page 11 amend the second complete paragraph as follows:

In another alternate removal method, shown in FIGs. 4a-4c, an article 80 with a surface 81 (exaggerated for illustration purposes) having an affinity for the material (e.g., adhesive) of the insulating layer 36, greater than the surfaces 30a of the bumps 30, is brought into contact with the precursor circuit element 20p (in the direction of the arrow 82) (FIG.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:

Date

6/28/01

Signature

Tom Sanders